

**RECEIVED
CENTRAL FAX CENTER**

MAR 22 2007

Customer No.: 31561
Docket No.: 10788-US-PA
Application No.: 10/709,923

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Applicant : Huang et al.
Application No. : 10/709,923
Filed : June 7, 2004
For : FLIP-CHIP PACKAGE SUBSTRATE AND FLIP-CHIP
BONDING PROCESS THEREOF
Art Unit : 2814
Examiner : CHAMBLISS, ALONZO

**PETITION FOR REVIVAL OF AN APPLICATION FOR PATENT
ABANDONED UNINTENTIONALLY UNDER 37 CFR 1.137 (b)**

+1-571-273-0025

(via fax: 2+3+8 pages)

U.S. Patent and Trademark Office
ATTN: Office of Petitions
Customer Service Window, Mail Stop **Petition**
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Dear Sir,

This is a petition for revival for the above-identified application which became abandoned due to failure to submit a timely and proper response to an Office Action dated April 26, 2006 unintentionally. Under 37 CFR 1.137(b), Applicants hereby respectfully petition for revival of the above-referenced application.

Attached hereto please find the following items required for a grantable petition as provided in 37 CFR 1.137(b):

(1) Petition fee

Please charge the petition fee in the amount of USD\$1,500 for filing a petition for revival of an unintentionally abandoned application to Account No. 50-2620 (Order no. 10788-US-PA) as set forth in 37 CFR §1.17(m).

(2) Amendment and Response in 8 pages to the Office Action dated April 26, 2006 of the above-identified application.

The response to the above-noted Office Action in 8 pages is enclosed herewith. In addition, a copy of the summary of the original Office Action in 2 pages is as well attached hereto.

03/22/2007 RMEBRAHT 00000024 502620 10709923

01 FC:1453 1500.00 DA

Patent

Customer No.: 31561
Docket No.: 10788-US-PA
Application No.: 10/709,923

(3) Statement that the entire delay was unintentional

The entire delay in filing the required reply from the due date for the required reply until the filing of a grantable petition under 37 CFR 1.137(b) was unintentional.

Thank you for your assistance in this regard. Should you need any further information, please feel free to contact the undersigned.

Respectfully Submitted,
JIANQ CHYUN Intellectual Property Office

Date: Jan 10, 2007

By: Belinda Lee
Belinda Lee
Registration No.: 46,863

Please send future correspondence to:

7F. -1, No. 100, Roosevelt Rd.,

Sec. 2, Taipei 100, Taiwan, R.O.C.

Tel: 886-2-2369 2800 Fax: 886-2-2369 7233 / 886-2-2369 7234

E-MAIL: BELINDA@JCIPGroup.com.tw; USA@JCIPGroup.com.tw

Patent

**RECEIVED
CENTRAL FAX CENTER**

MAR 22 2007

Customer No.: 31561
Docket No. 10788-US-PA
Application No.: 10/709,923**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s) : Huang et al.
Application No. : 10/709,923
Filed : June 7, 2004
For : FLIP-CHIP PACKAGE SUBSTRATE AND FLIP-CHIP
BONDING PROCESS THEREOF
Art Unit : 2814
Examiner : CHAMBLISS, ALONZO

REQUEST FOR CONFIRMATION ON PETITION FOR REVIVAL FILED
+1- 571-273-8300 (Via fax: 1 + 14 page)

Attn: Mr. Alonzo Chambliss
United States Patent and Trademark Office
Randolph Building, 401 Dulany Street
Alexandria, VA 22314

Dear Sir,

We are writing in relation to a request for confirmation on the petition for revival for patent abandoned unintentionally under 37 CFR 1.137 (b) filed on January 10, 2007. The above-identified application became abandoned due to failure to submit a timely response to an Office Action dated April 26, 2006 unintentionally. Therefore, Applicants submitted a petition for revival under 37 CFR 1.137(b) and requested the Office to correct the status via facsimile on January 10, 2007. However, we have not received any confirmation on the request for revival nor has the status been corrected on the Private PAIR system so far.

Applicants hereby respectfully submit again the as-filed papers which including a complete set of the transmittal letter, form PTO/SB/64 for Petition for Revival, Amendment and Response in 8 pages and the confirmation page of facsimile transmission previously submitted in total of fourteen pages for your reference.

Applicants accordingly request the Office to verify the submission of the petition for revival and the current status of the above-identified application.

Thank you for your assistance in the subject matter. If you have any questions, please feel free to contact the undersigned.

Respectfully Submitted,
JIANQ CHYUN Intellectual Property Office

Date: March 22, 2007By: Belinda Lee
Belinda Lee
Registration No.: 46,863

7F, -1, No. 100, Roosevelt Rd.,
Sec. 2, Taipei 100, Taiwan, R.O.C.
Tel: 886-2-2369 2800 Fax: 886-2-2369 7233 / 886-2-2369 7234
E-MAIL: BELINDA@JCIPGroup.com.tw; USA@JCIPGroup.com.tw

*** TX REPORT ***

TRANSMISSION OK

TX/RX NO 1401
CONNECTION TEL 00215712730025
CONNECTION ID
ST. TIME 01/10 17:38
USAGE T 01'40
PGS. SENT 13
RESULT OK

**RECEIVED
CENTRAL FAX CENTER**

Patent

MAR 22 2007

Customer No.: 31561
Docket No.: 10788-US-PA
Application No.: 10/709,923

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Applicant : Huang et al.
Application No. : 10/709,923
Filed : June 7, 2004
For : FLIP-CHIP PACKAGE SUBSTRATE AND FLIP-CHIP
BONDING PROCESS THEREOF
Art Unit : 2814
Examiner : CHAMBLISS, ALONZO

**PETITION FOR REVIVAL OF AN APPLICATION FOR PATENT
ABANDONED UNINTENTIONALLY UNDER 37 CFR 1.137 (b)**

+1-571-273-0025
(via fax: 2+3+8 pages)

U.S. Patent and Trademark Office
ATTN: Office of Petitions
Customer Service Window, Mail Stop Petition
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Dear Sir,

This is a petition for revival for the above-identified application which became abandoned due to failure to submit a timely and proper response to an Office Action dated April 26, 2006 unintentionally. Under 37 CFR 1.137(b), Applicants hereby respectfully petition for revival of the above-referenced application.

Attached hereto please find the following items required for a grantable petition as provided in 37 CFR 1.137(b):

(1) Petition fee

Please charge the petition fee in the amount of USD\$1,500 for filing a petition for revival of an unintentionally abandoned application to Account No. 50-2620 (Order no. 10788-US-PA) as set forth in 37 CFR 1.137(m).

MAR 22 2007

PTO/SB/64 (10-05)
Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**PETITION FOR REVIVAL OF AN APPLICATION FOR PATENT
ABANDONED UNINTENTIONALLY UNDER 37 CFR 1.137(b)**

Docket Number (Optional)
10788-US-PA

First named inventor: Min-Lung Huang

Application No.: 10/709,923

Art Unit: 2814

Filed: 06/07/2004

Examiner: CHAMBLISS, ALONZO

Title: FLIP-CHIP PACKAGE SUBSTRATE AND FLIP-CHIP BONDING PROCESS THEREOF

Attention: Office of Petitions
Mall Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
FAX (571) 273-8300

NOTE: If information or assistance is needed in completing this form, please contact Petitions
Information at (571) 272-3282.

The above-identified application became abandoned for failure to file a timely and proper reply to a notice or action by the United States Patent and Trademark Office. The date of abandonment is the day after the expiration date of the period set for reply in the office notice or action plus an extensions of time actually obtained.

APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION

NOTE: A grantable petition requires the following items:

- (1) Petition fee;
- (2) Reply and/or issue fee;
- (3) Terminal disclaimer with disclaimer fee - required for all utility and plant applications filed before June 8, 1995; and for all design applications; and
- (4) Statement that the entire delay was unintentional.

1. Petition fee
☐ Small entity-fee \$ _____ (37 CFR 1.17(m)). Applicant claims small entity status. See 37 CFR 1.27.

☒ Other than small entity - fee \$ 1500 (37 CFR 1.17(m))

2. Reply and/or fee

A. The reply and/or fee to the above-noted Office action in
the form of RESPONSE TO OFFICE ACTION IN 8 PAGES (identify type of reply):

☐ has been filed previously on _____
☒ is enclosed herewith.

B. The issue fee and publication fee (if applicable) of \$ _____

☐ has been paid previously on _____
☐ is enclosed herewith.

[Page 1 of 2]

This collection of information is required by 37 CFR 1.137(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mall Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/64 (10-05)
Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

3. Terminal disclaimer with disclaimer fee

- ☐ Since this utility/plant application was filed on or after June 8, 1995, no terminal disclaimer is required.
- ☐ A terminal disclaimer (and disclaimer fee (37 CFR 1.20(d)) of \$ _____ for a small entity or \$ _____ for other than a small entity) disclaiming the required period of time is enclosed herewith (see PTO/SB/63).

4. STATEMENT: The entire delay in filing the required reply from the due date for the required reply until the filing of a grantable petition under 37 CFR 1.137(b) was unintentional. [NOTE: The United States Patent and Trademark Office may require additional information if there is a question as to whether either the abandonment or the delay in filing a petition under 37 CFR 1.137(b) was unintentional (MPEP 711.03(c), subsections (III)(C) and (D)).]

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

Belinda Lee
Signature

Jan. 10, 2007
Date

BELINDA LEE
Typed or printed name

46,863
Registration Number, if applicable

Jiang Chyun Intellectual Property Office
Address

011-886-2-2369-2800
Telephone Number

7th Floor-1, No. 100 Roosevelt Road, Section 2, Taipei, TAIWAN
Address

- Enclosures: ☒ Fee Payment
- ☒ Reply
- ☐ Terminal Disclaimer Form
- ☒ Additional sheets containing statements establishing unintentional delay
- ☒ Other: AMENDMENT AND RESPONSE TO OFFICE ACTION IN 8 PAGES

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]

I hereby certify that this correspondence is being:

- ☐ Deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.
- ☒ Transmitted by facsimile on the date shown below to the United States Patent and Trademark Office as (571) 273-8300.

Dec 28, 2006

Date

Belinda Lee
Signature

BELINDA LEE
Typed or printed name of person signing certificate

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.